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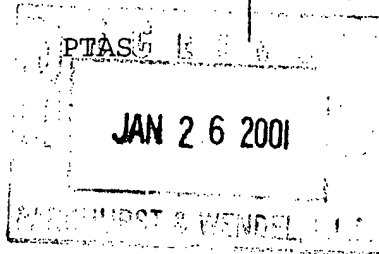


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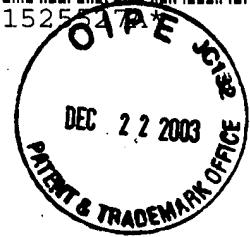
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JANUARY 23, 2001

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*101525



**UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 10/20/2000

REEL/FRAME: 011250/0033

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YAMAKITA, HIROYUKI

DOC DATE: 09/14/2000

ASSIGNOR:

KUMAGAWA, KATSUHIKO

DOC DATE: 09/14/2000

ASSIGNOR:

SHIOTA, AKINORI

DOC DATE: 09/14/2000

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DOC DATE: 09/14/2000

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DOC DATE: 09/14/2000

ASSIGNEE:

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RECORDED BY: [illegible]
DATE: 01/23/2001

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SERIAL NUMBER: 09691912
PATENT NUMBER:

FILING DATE: 10/20/2000
ISSUE DATE:

MARCUS KIRK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

101525527

MRD
10-20-00

Jc542 U.S. PRO
 09/691912
 10/20/00

For: LIQUID CRYSTAL DISPLAY UNIT

Osaka 571-8501, JAPAN.

4. Execution Date of Assignment: September 14, 2000.
5. If this Assignment is being filed together with a new application, the execution date of the application is: September 14, 2000.
6. Total number of applications and patents involved: 1.

All correspondence should be addressed to:

Roger W. Parkhurst
PARKHURST & WENDEL, L.L.P.
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1421 Prince Street
Alexandria, VA 22314-2805.

The Assignment recordation fee (\$40.00) is covered by our attached Check Number 13282.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Total number of pages including cover sheet, attachments and document 3.

If there should be any questions concerning the amount of the fee or should our check become detached, please debit or credit our Deposit Account Number 16-0331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.



Charles A. Wendel
Registration No. 24,453

October 20, 2000
Date

Attorney Docket No. OGOH:051
PARKHURST & WENDEL, L.L.P.
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ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Hiroyuki YAMAKITA (5) Akio TAKIMOTO
 (2) Katsuhiko KUMAGAWA (6) _____
 (3) Akinori SHIOTA (7) _____
 (4) Ichiro SATO (8) _____

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee (9) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
 (10) Insert address of Assignee (10) 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (11) LIQUID CRYSTAL DISPLAY UNIT
 (Case No. OGOH:051)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12 on _____)
 (13) Alternative identification for filed applications (13) U.S. application Serial Number _____
 filed _____

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of **PARKHURST & WENDEL, L.L.P.** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>9, 14, 2000</u>	Name of Inventor <u>Hiroyuki Yamakita</u> (SEAL)
Date <u>9, 14, 2000</u>	Name of Inventor <u>Katsuhiko Kumagawa</u> (SEAL)
Date <u>9, 14, 2000</u>	Name of Inventor <u>Akinori Shiota</u> (SEAL)
Date <u>9, 14, 2000</u>	Name of Inventor <u>Ichiro SATO</u> (SEAL)
Date <u>9, 14, 2000</u>	Name of Inventor <u>Akio Takimoto</u> (SEAL)
Date _____	Name of Inventor _____ (SEAL)
Date _____	Name of Inventor _____ (SEAL)
Date _____	Name of Inventor _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date _____ Witness _____
 Date _____ Witness _____